



# United States Department of the Interior

BUREAU OF RECLAMATION  
LOWER COLORADO REGIONAL OFFICE  
P.O. BOX 427  
BOULDER CITY, NEVADA 89005

IN REPLY  
REFER TO: LC-470  
453.

Your reference:  
FCML:CH  
030-11437  
(18043)

JAN 10 1985

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Ms. Cardelia Harvey  
Materials Licensing Branch  
Division of Fuel Cycle and  
Material Safety  
Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Mail Control No. 18043

Dear Ms. Harvey:

Reference is made to your letter dated November 7, 1984, and page two of our reply dated December 6, 1984, regarding the "Moisture Miser" gages from Sunburst Energy Systems, Inc.

The California Radiological Health Section has issued the Sunburst Energy Systems, Inc., a license (No. 4349) to manufacture and distribute the SS 4-2 soil moisture gage. If you have not received the device and catalog, it is our understanding that if you would contact Mr. Don Honey of the California Radiological Health Section at (916) 445-0931, he will give you the information that is necessary for you to approve our acquisition of the gages. These gages will be used to monitor soil moisture in our irrigation scheduling programs.

Therefore, we are resubmitting our request to have our Materials License (No. 27-166640-1) amended to include the use of the above gages. The information needed to amend the license is as follows: Item 6-C should read "Cobalt 60"; item 7-C, "Sealed sources (Sunburst Energy Systems, Inc., Soil Moisture Gage model SS 4-2 (4333))"; and Item 8-C, "Not to exceed 1 millicurie per source." Item 9 should also be amended by adding "C" which should read, "For use in Sunburst Energy Systems, Inc., Soil Moisture Gages, model SS 4-2 for inplace measurement of moisture content of soils."

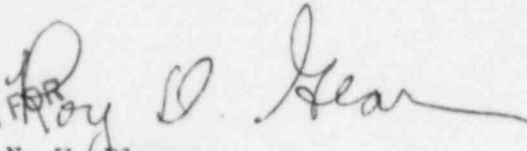
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Thank you for your consideration. If you have any questions, please contact Mr. Val Carter at (FTS) 598-7562.

Sincerely yours,

ACTING FOR   
N. W. Plummer  
Regional Director

In duplicate

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